

ROCUT 13.90 E³ Electrical Rail Cutter



For fast and efficient cutting of maximum strength rails.

THE ADVANTAGES. YOUR BENEFITS.

High flexibility

- Light-weight and sturdy rail cutter due to light-weight aluminium construction
- Rails can be cut from both sides with sparks controlled downwards without changeover
- Multi Drive technology: one machine, various drive options
- Extended operational range in tunnels and urban areas
- Can also be used for flat bottom, grooved and crane rails (claw can be adjusted up to 120 mm rail head width)
- Socket wrench mounted on machine

Ergonomic and safe

- Continuously adjustable spark protection
- Articulated arm supports machine weight and relieves the operator
- Low hand-arm vibrations
- LED lighting
- Electronic safety shut-down

Accurate and powerful

- Kerf indicator for accurate determination of cutting point
- Cutting rate approx. 20 cuts on 60E1 rail/battery charge (depending on cutting disc and operator etc.)
- Integrated LED performance display for cut monitoring
- Brushless electric motor

SPECIFICATION	Ø 350 mm cutting disc	Ø 400 mm cutting disc
Drive	BLDC electric motor	BLDC electric motor
Output	6.6 kW	6.6 kW
Cutting disc diameter	350 mm/14"	400 mm/16"
Cutting disc holder	22.2 mm	22.2 mm
Cutting rate (*)	approx. 1 min/cut for 60E1 rail	approx. 1 min/cut for 60E1 rail
49E1	up to 8 cuts/cutting disc	up to 10 cuts/cutting disc
60E1	up to 6 cuts/cutting disc	up to 8 cuts/cutting disc
Weight		
Rail Cutter	18.1 kg	18.9 kg
Articulated aluminium arm	9.3 kg	9.3 kg
Cutting disc	0.9 kg	1.1 kg
Total machine weight	28.3 kg	29.3 kg
Connecting cable	5.7 kg	5.7 kg
Battery 2300 Wh	16.0 kg	16.0 kg
400 Volt power supply	18.0 kg	18.0 kg
Dimensions (L x W x H)	765 x 330 x 490 mm	815 x 330 x 540 mm

(*) depending on rail profile, cutting disc and operator etc.

ACCESSORIES

- 5016060210 Connecting cable – 4 m
- 7839900001 Battery 2300 Wh
- 7879900001 Battery charger 2300 Wh
- 5039900003 Power supply, 400 Volt – 60 Volt (incl. shoulder strap)
- 9000208017 Battery box for battery 2300 Wh
- 8001381004 Safety blocking device ROBEL 13.81 for cutting rails under compressive stress incl. 1 pair of wedges
- 5908983001 LED lighting protection
- 5908960120 Transport box

Cutting discs – ideally suited to ROCUT 13.90 E³

- 9002008820 350 x 4 x 22.2 mm
- 9002008825 350 x 4 x 25.4 mm
- 9002008830 400 x 4 x 25,4 mm
- Other cutting discs on request.

- 5908983002 Adapter 22.2 to 25.4 mm incl. circlip



Battery 2300 Wh – 7839900001



ROCUT 13.90 – 5909900008



400 Volt power supply – 5039900003



Connecting cable – 5016060210